



Your partner in creating  
one perfect smile after another



**GLOBAL**  
2017-2018 Ver.5

You're  
the Artist



Call : 82-32-821-0071 E-mail. [synergy@spident.co.kr](mailto:synergy@spident.co.kr)  
[www.spident.co.kr](http://www.spident.co.kr)









You're  
the Artist



There are hands of an artist which create  
something unimaginable.

When the hands of the artist do for  
people's sake, it could be more valuable.

You are the artist, not only dentist when  
you take care of people.

SPIDENT will be your partner with passion.

I feel that there is nothing more truly  
artistic than to love people.

- Vincent van Gogh







## About SPIDENT CO., LTD.

SPIDENT CO., LTD. was founded in 1997 as manufacturers of the finest quality Gutta Percha Points and Absorbent Paper Points sold around the world.

In Nov. of 2004, the establishment of the research institute for dental chemicals launched its full operation of manufacturing and marketing its dental material lines certified by the CE (MDD), FDA, JPAL, and the ISO.

SPIDENT CO., LTD. independently operates all the processes of R&D,

Quality Control, Product Design & Marketing, and the finest Customer Service, all aimed at your 100% satisfaction guaranteed.



## A Statement from the CEO



Hello,

I am Jemo Ahn, the President of SPIDENT CO., LTD. and I would like to share with you the vision and goals of our company. Our highest aim is to provide you with the best products and services with the best products and services to make your daily practice as pleasurable and effortless as possible.

Our team members are competent, qualified, and always open to your inputs as we consider communication and teamwork to be the underlying foundation for success. And as such, we have been steadily achieving higher customer satisfaction through centering our research, production, and marketing processes around your needs.

SPIDENT CO., LTD. continually builds on its history to expand its presence in the global dental industry. Our focus will always remain the close attention to the human factor in making the highest quality oral health available to all.

We will always strive to become your partner in creating one perfect smile after another.

Thank you for your continued support,

JEMO AHN, CEO







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You are always welcome to visit!  
**SPIDENT WORLD** 







## ANESTHETICS

### Needles

#### NOP® Needles

- Ultra-sharp, tri-bevel lancet offers smooth entry into tissue, enhancing patient comfort
- Silicone coating significantly reduces pain and tissue damage
- Triangle bevel indicator for needle tip orientation
- EO Sterilized



Box of 100 needles

Specify :

- #6127SH 27G/Short (0.4x21mm) (blue)
- #6127LG 27G/Long (0.4x30mm) (navy)
- #6127GL 27G/Long (0.4x35mm) (brown)
- #6127XL 27G/Long (0.4x38mm) (purple)
- #6130XS 30G/X-short (0.3x12mm) (yellow)
- #6130SO 30G/Short (0.3x16mm) (pink)
- #6130SH 30G/Short (0.3x21mm) (orange)
- #6130LG 30G/Long (0.3x25mm) (red)
- #6131XS 31G/X-short (0.26x12mm) (green)



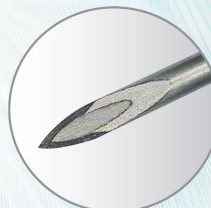
# NOP®

## Silicone Coating Significantly Reduces Pain and Tissue Trauma

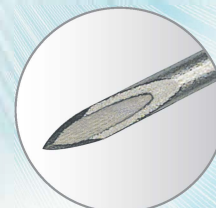


### Sterile Single Use Dental Needles

Tri-Bevel Point for Easy Tissue Penetration without Coring  
High Tech Steel Tube, Safe, Non-Toxic, Pyrogenic Free  
Round Cutting Edge protects the Gum



27G - 3D Cutting



30G - 3D Cutting

CE  
0120





## CEMENTS & LINERS

### Cavity Liner & Base

#### Base • it®

Light-cured base/liner containing calcium hydroxyapatite in urethane methacrylate oligomer

- Simulates secondary dentin formation with excellent cariostatic properties
- Superior strength compared to GI based products
- Low polymerization shrinkage



#### #115200 Standard pkg

Contains : 4 x 2g syringe, 8 dispensing tips  
2 x 2g syringe, 8 dispensing tips

Bent Dispensing Tips

Pkg of 5,000 or 10,000

#### #911120 20 ga. (black)

Contains : 20 ga. dispensing tips

### Temporary Filling

#### Temp • it®



Light-cured, single-component, provisional filling material for temporary restorations

- Use for all types of protective temporary fillings for inlay and onlay techniques
- Cures to a highly elastic state making it suitable for deep inlay preparations with parallel walls
- Suitable for sealing of implant screw access canals
- Can be easily removed in one piece



Standard pkg

Contains : 3 x 3g syringe

Specify :

#1141YL yellow (natural)

#1141BL blue

#### Temp • it Flow®

Light-cured, flowable temporary filling material

- For temporary restorations of class I cavities (inlay)



Standard pkg

Contains : 4 x 1.2ml syringe, 6 tips

Specify :

#1142YL yellow (natural)

#1142BL blue

Bent Dispensing Tips

Pkg of 5,000 or 10,000

#### #911118 18 ga. (black)

Contains : 20 ga. dispensing tips





## Temporary Cements

### EsTemp® Implant Cement

Non-eugenol radiopaque resin cement in an automix syringe.

- Semi-permanent / Dual-Cure
- Designed for long term temporaries and high-strength restorations on implant abutments
- Can be removed easily when needed



- #112100 Standard pkg**  
Contains : 1 x 8g syringe & 12 mixing tips, 1Eco tip
- Mixing Tips  
Pkg of 50
- #112200 Automix cement tips (brown)**

### EsTemp® NE

Zinc oxide/non-eugenol temporary cement

- Ideal for cementing of temporary crowns and bridges
- Easy to mix, manipulate and remove
- Will not interfere with later permanent cementation



- #111200 Standard pkg**  
Contains : 2 x 10g syringe & 2 Eco tips
- Mixing Tips  
Pkg of 50
- #112200 Automix cement tips (brown)**

### EsTemp® Eugenol

Zinc oxide/eugenol formula self-curing temporary cement

- Indicated for temporary crowns
- Flows easily, allowing complete seating of the restoration



- #111100 Standard pkg**  
Contains : 2 x 10g syringe & 2 Eco tips
- Mixing Tips  
Pkg of 50
- #112200 Automix cement tips (brown)**

## Desensitizers

### DeSen®

Desen is a non-glutaraldehyde desensitizing agent

- Seals dentinal tubules, preventing the fluid-shifting recognized as the primary cause of localized hypersensitivity
- Excellent hydrophilicity and biocompatible



- #116100 5ml bottle**





## CORE MATERIALS

### Core Bulid-Up

#### Core · it® Dual



Radiopaque, dual-cured composite core build-up material.

- Medium viscosity allows maximum control and stackability for easy application
- Sets hard, cuts and carves like dentin
- High bonding strength to dentin, enamel, and posts
- For use with dual-cure compatible bonding systems

#### Syringe Type



#### Syringe pkg

Contains : 2 x 10g syringe, 2 Eco tips, 12 Core Mixing tips, 12 Intraoral tips, Mixing pad

Specify :

- #2111YL Yellow (natural)
- #2111BL Blue
- #2111WH White

#### Mixing Tips

Pkg of 50

#212100 Automix core tips (brown)

Contains : 50 Mixing tips & 50 Intraoral tips



#### Syringe Dispensing Gun



#### Dispensing Gun

#212200 Dispensing Gun - DS 24  
Ratio : 1:1

#### Cartridge Type



#### Cartridge pkg

Contains : 1 x 50g Cartridge

Specify :

- #2112YL Yellow (natural)
- #2112BL Blue



#### Mixing Tips

#7311YL Small mixing tips, pkg of 50

Mixing tips have yellow hub

#7312IN Intraoral tips, pkg of 50

Yellow tips fit into small (4.2mm) mixing tips

#### System Kit



#### #211300 Core · it System Kit

Contains : 2 x 10g Syringe (yellow), 2 Eco Tips, 12 Core Mixing Tips, 12 Intraoral Tips, EsBond 5ml Bottle x1, Activator 5ml Bottle x1, Dispensing Dish, 1 Application Tool, 34 Micro Brush Tips, FineEtch 5ml Syringe x1, 4 Etchant Tips

#### EsBond Refill

#313100 EsBond Refill

#### Activator Refill

#313100 Activator Refill





## COSMETIC DENTISTRY FILLING MATERIALS

### Tooth Whitening Accessories

#### FineDam™

FineDam is a passively adhesive (sealing) methacrylate-based resin barrier used for isolating tissue adjacent to teeth being whitened.

- For single-tooth bleaching, FineDam may be used to protect adjacent teeth
- FineDam reflects light to minimize heat and tissue sensitivity during curing
- FineDam ensures a safe, unmistakable barrier every time



#### #315100 Standard pkg

Contains : 4 x 1.2ml syringe, 8 tips

Bent Dispensing Tips

Pkg of 5,000 or 10,000

#### #911118 18 ga. (black)

Contains : 18 ga. dispensing tips

#### Block-Out Resin™

Block-Out Resin is a viscous, light-cured, methacrylate-based, syringe delivered blue pigmented utility resin. It is designed for laboratory use such as for bleaching reservoirs on plaster models, for lab procedures requiring spacing or undercut block out, and to repair small fractures or voids in laboratory models.



#### #316100 Standard pkg

Contains : 4 x 2 g syringe, 8 tips

Bent Dispensing Tips

Pkg of 5,000 or 10,000

#### #911118 18 ga. (black)

Contains : 18 ga. dispensing tips

### Etching Products

#### FineEtch®



37% phosphoric acid with a semi-gel consistency for controlled contact.

- Effectively removes smear layers
- Creates the ideal bonding surfaces on dentin, enamel, and dental posts



#### #314100 Standard pkg

Contains : 3 x 5ml Syringe, 8 Etchant Tips

Bent Dispensing Tips

Pkg of 5,000 or 10,000

#### #911125BL 25 ga. (blue)

Contains : 25 ga. dispensing tips



## Bonding Systems

### EsBond®

5<sup>th</sup> generation, light-cured, single-bottle application bonding system.

- High bonding strength compatible with all classes of direct composite restoration to dentin and enamel, as well as treated porcelain and set amalgam



#### #313200 EsBond Kit

Contains : EsBond 5ml Bottle, Dispensing Dish, 1 Applicator, 30 Micro Brush Tips



#### #313100 EsBond Refill

Contains : EsBond 5ml Bottle

### EsBond Activator®

EsBond Activator activates the dual-curing mechanism of EsBond bonding systems. When mixed with EsBond they become dual-cure, and adhere securely with dual-cure restoration materials.



#### #313300 Activator Refill

Contains : EsBond Activator 5ml Bottle

## Flowable Composites

### EsFlow®



Highly aesthetic, nanohybrid flowable composite. Medium viscosity allows gentle flow for easy handling and precision application.

- Contains high molecular weighted urethane methacrylate monomer for superior compressive strength
- Light-cured to a hardness equivalent to natural enamel
- Highly radiopaque



Syringe pkg

Contains : 2 x 2g Syringe, 8 Dispensing Tips

Specify :

#3121A1	(A1)	#3121B1	(B1)
#3121A2	(A2)	#3121B2	(B2)
#3121A3	(A3)	#3121BL	(Blue)
#3121A35	(A3.5)		

Bent Dispensing Tips

Pkg of 5,000 or 10,000

#911120 20 ga. (black)

Contains : 20 ga. dispensing tips

### EsFlow® LV (Low Viscosity)

Low Viscosity Light Cure Flowable Composite Resin.

- Lower viscosity compared to EsFlow
- Suitable for multiple applications such as base-liner and sealant



Syringe pkg

Contains : 2 x 2g Syringe, 8 Dispensing Tips

Specify

#3121LA1	(A1)
#3121LA2	(A2)
#3121LA3	(A3)

Bent Dispensing Tips

Pkg of 5,000 or 10,000

#911120 20 ga. (black)

Contains : 20 ga. dispensing tips





## COSMETIC DENTISTRY / FILLING MATERIALS

### Universal Composites

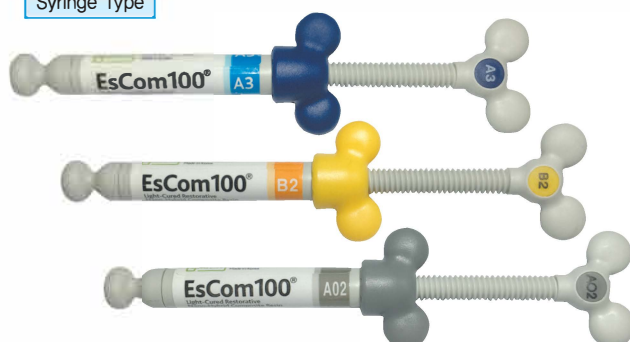
#### EsCom100®

Universal composite resin designed for posterior and anterior restorations.



- Easy polishability
- Exceptional wear resistance,
- Low polymerization shrinkage
- Superior compressive strength
- Radiopaque

#### Syringe Type



Syringe pkg  
Contains : 1 x 4g Syringe

Specify :

- |                 |                |
|-----------------|----------------|
| #3111A1 (A1)    | #3111AO2 (AO2) |
| #3111A2 (A2)    | #3111AO3 (AO3) |
| #3111A3 (A3)    | #3111B1 (B1)   |
| #3111A35 (A3.5) | #3111B2 (B2)   |
| #3111A4 (A4)    | #3111C2 (C2)   |
| #3111TW (TW)    |                |

#### System Kit



**#311400 EsCom100 System Kit**  
Contains : 5 x 4g Syringe  
(1 of each shade : A1, A2, A3, A3.5, B2),  
EsBond 5ml Bottle x 1, Dispensing Dish,  
1 Application Tool, 30 Micro Brush Tips,  
FineEtch 5ml Syringe x 1, 4 Etchant Tips

#### Syringe Kit



**#311300 EsCom100 Syringe Kit**  
Contains : 8 x 4g Syringe

A1 x 1 | A2 x 2 | A3 x 2 | A3.5 x 1 | B2 x 1 | AO3 x 1

#### Capsule Type



Capsules pkg  
Contains : 20 x 0.25g capsules

Specify :

- |                 |
|-----------------|
| #3112A1 (A1)    |
| #3112A2 (A2)    |
| #3112A3 (A3)    |
| #3112A35 (A3.5) |
| #3112A4 (A4)    |
| #3112AO2 (AO2)  |
| #3112AO3 (AO3)  |
| #3112B1 (B1)    |
| #3112B2 (B2)    |
| #3112C2 (C2)    |
| #3112TW (TW)    |

Dispensing Gun  
**#311500 Capsule Dispensing Gun**  
Dental Composite Carpule Applicator







# EsCom100<sup>®</sup>

## Light-Cured Restorative Composite Resin

Escom100 is a light-cured restorative Nano-Hybrid composite resin for posterior and anterior restorations.



### EsCom100 Syringe Kit



### Advantages

- High compressive strength and polishability
- Low polymerization shrinkage
- Easy to handle, non-sticky, excellent ability to hold shape
- Radiopaque
- Extend working time (90 seconds)
- Long-term durability
- Excellent matching with natural tooth (11 shades) :  
A1, A2, A3, A3.5, A4, B1, B2, C2, A02, A03, TW

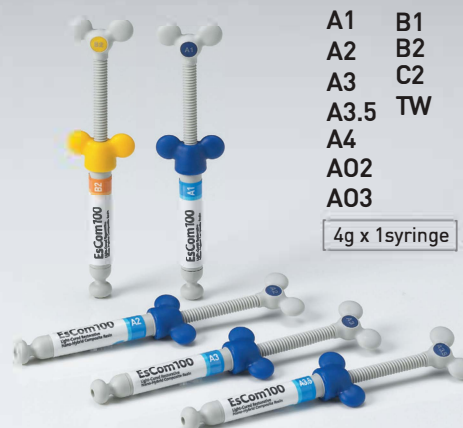
### Contents

#### EsCom100 System Kit

EsCom100 4g x 5 syringes (A1, A2, A3, A3.5, B2), FineEtch 5ml x 1 syringe, 4 Tips, EsBond 5ml x 1 bottle, Tip Holder, Dispensing Dish, Micro Tip Application 30ea

EsCom100 Syringe Kit : EsCom100 4g x 8 syringes

### EsCom100 Refill



A1	B1
A2	B2
A3	C2
A3.5	TW
A4	
A02	
A03	

4g x 1 syringe





## Gutta percha Points

### Spident Gutta Percha Points™

- Hand-rolled to the highest standards
- Color-coded tips for easy identification of ISO(.02) specifications
- Made with 90% premium quality natural gutta percha
- Inspected four times to guarantee flawless consistency in size, taper and uniformity
- Cadmium-free, radiopaque
- Gamma irradiation sterilized



Standardized ISO sizes  
120 x .02 points in a spill-proof slide box

Specify :

#420215GP	15
#420220GP	20
#420225GP	25
#420230GP	30
#420235GP	35
#420240GP	40
#420245GP	45
#420250GP	50
#420255GP	55
#420260GP	60
#420270GP	70
#420280GP	80
#420290GP	90
#4202100GP	100
#4202110GP	110
#4202120GP	120
#4202130GP	130
#4202140GP	140
#42021540GP	Assorted 15~40
#42024580GP	Assorted 45~80
#420290140GP	Assorted 90~140



Conventional (Accessory) Sizes  
100 x feathered type points per box

Specify :

#4221XFGP	X-Fine
#4221FFGP	F-Fine
#4221MFGP	M-Fine
#4221FIGP	Fine
#4221FMGP	F-Medium
#4221MDGP	Medium
#4221MLGP	M-Large
#4221LGGP	Large
#4221ASGP	Assorted (MF/F/FM/M)



Japanese (Accessory) Sizes  
120 x feathered type points per box

Specify :

#4241SLGP	Small
#4241FSGP	F-Small
#4241MDGP	Medium
#4241FMGP	F-Medium
#4241LGGP	Large
#4241FLGP	F-Large
#4221ASGP	Assorted





## Spident .04/.06 Tapered GP Points™

- For use with matching .04 and .06 taper files in conjunction with single-cone obturation techniques
- Color-coded ISO ends for quick and easy identification of size
- Cadmium-free, radiopaque and individually hand-rolled



.04 Taper sizes

60 x .04 points in a spill-proof slide box

Specify :

#420415GP	15/.04
#420420GP	20/.04
#420425GP	25/.04
#420430GP	30/.04
#420435GP	35/.04
#420440GP	40/.04
#420445GP	45/.04
#42041540GP	Assorted 15~40/.04



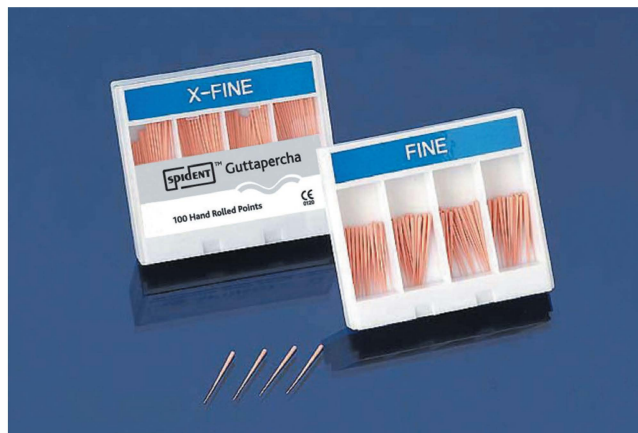
.06 Taper sizes

60 x .06 points in a spill-proof slide box

Specify :

#420615GP	15/.06
#420620GP	20/.06
#420625GP	25/.06
#420630GP	30/.06
#420635GP	35/.06
#420640GP	40/.06
#420645GP	45/.06
#42061540GP	Assorted 15~40/.06

## Detray™



Accessory Sizes

100 x feathered type points per box

Specify :

#4251DXXGP	XX-Fine
#4252DXFGP	X-Fine
#4253DFGP	Fine
#4254DMGP	Medium
#4255DXSGP	Assorted

## ENDO-AIDE™

- A handy, divided and covered dispensing tray
- Ideal holder for your gutta-percha points or paper points
- Features 12 refillable compartments to allow the doctor to keep a full complement of points in sizes 15~80
- Clear plastic lid allows to see what sizes need to be refilled



#4232GP Gutta Percha Endo-Aide  
240 x Gutta percha points in compartmentalized dispenser (15~80 assorted)

#4131PP Paper Points Endo-Aide  
400 x Sterilized paper points in compartmentalized dispenser (15~80 assorted)





## Absorbent Points

### Spident Absorbent Paper Points™

- Used in root canal therapy
- Removes moisture from root canal, introduces medicaments
- Hand rolled to ensure better absorbency
- ISO/ADA sized
- Gamma irradiation sterilized



Standardized ISO sizes  
200 x .02 points in a spill-proof slide box

Specify :

#410215PP	15
#410220PP	20
#410225PP	25
#410230PP	30
#410235PP	35
#410240PP	40
#410245PP	45
#410250PP	50
#410255PP	55
#410260PP	60
#410270PP	70
#410280PP	80
#410290PP	90
#4102100PP	100
#4102110PP	110
#4102120PP	120
#4102130PP	130
#4102140PP	140
#41021540PP	Assorted 15~40
#41024580PP	Assorted 45~80



Conventional (Accessory) Sizes  
200 points per box

Specify :

#4121XXFPP	XX-Fine
#4121XFPP	X-Fine
#4121MDPP	Medium
#4121COPP	Coarse
#4121XCPP	X-Coarse
#4121ASPP	Assorted (XF/F/M/C)



CELL PACK

Conventional (Accessory) Sizes  
Contains 40 cells of 5 points each

Specify :

#4121XXFPP	XX-Fine
#4121XFGP	X-Fine
#4121FIGP	Fine
#4121MDPP	Medium
#4121COPP	Coarse
#4121XCPP	X-Coarse



## Spident .04 / .06 Tapered Paper Point™

- Greater taper paper points match flared canal sizes created by tapered instruments
- Efficient and effective drying of root canal
- Allows even distribution of sealer throughout the canal
- Color-coded ISO sizes, hand-rolled points



.04 Taper sizes  
100 x .04 points in a spill-proof slide box

Specify :

- #410415PP 15/.04
- #410420PP 20/.04
- #410425PP 25/.04
- #410430PP 30/.04
- #410435PP 35/.04
- #410440PP 40/.04
- #410445PP 45/.04
- #41041540PP Assorted 15~40/.04



.06 Taper sizes  
100 x .06 points in a spill-proof slide box

Specify :

- #410615PP 15/.06
- #410620PP 20/.06
- #410625PP 25/.06
- #410630PP 30/.06
- #410635PP 35/.06
- #410640PP 40/.06
- #410645PP 45/.06
- #41061540PP Assorted 15~40/.06

## Canal Prep Solutions

### SoftPrep™

- 17% aqueous EDTA solution.
- Provides rapid cleansing and enlarging of canals
- Chelating agent assists in instrumentation of root canal lubricates to minimize binding and breaking of files



#441100 Standard pkg

Contains : 2 x 6g syringe, 6tips  
4 x 1.5g syringe, 6tips

Bent Dispensing Tips

Pkg of 5,000 or 10,000

#911118WH 18 ga. (white)

Contains : 18 ga. dispensing tips

## PREVENTIVES

### Pit & Fissure Sealants

#### Seal . it™

Light-cured sealant designed for enamel pits and fissures.

- Effectively restores occlusal cavities
- Low polymerization shrinkage
- High abrasion resistance



#1311100 Standard pkg

Contains : 2 x 1.2ml Syringe, 8 Dispensing Tips

Bent Dispensing Tips

Pkg of 5,000 or 10,000

#911125 25 ga. (black)

Contains : 25 ga. dispensing tips





## Temporary Root Canal Filling Materials

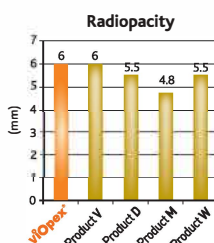
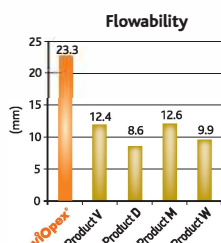
### viOpex®

NEW



#### Premixed Calcium Hydroxide Paste with Iodoform

- Excellent antibacterial effect
- Superior radiopacity
- Biocompatibility
- High flowability
- Easy to handle (syringe type)
- Designed tips allow no blocking



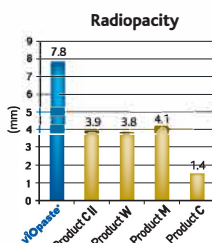
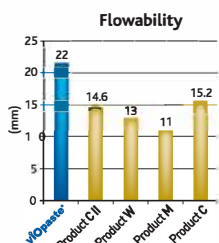
### viOpaste®

NEW



#### Premixed Calcium Hydroxide Paste with Barium Sulfate

- Easy to remove with good water solubility
- Excellent antibacterial effect
- Superior radiopacity
- Strong bactericidal effect
- High flowability
- Excellent biocompatibility
- Easy to handle (syringe paste type)



## Temporary Root Canal Filling

### Viopex®

A Temporary root canal filling material with excellent radiopacity. Viopex is an antibacterial, premixed paste composed of Calcium Hydroxide with Iodoform.



#441110 Standard pkg

Contains : 1 X 2.2g syringe, Disposable Tip 20ea  
Holder 1ea, Endo Stop 2ea

### Viopaste®

Viopaste is a water-soluble temporary root canal filling material composed of Calcium Hydroxide with Barium Sulfate. This antibacterial, premixed paste offers excellent radiopacity. It is easy to clean and remove.



#441120 Standard pkg

Contains : 1 X 2g syringe, Disposable Tip 20ea  
Holder 1ea, Endo Stop 2ea

## Root Canal Sealer

### Vioseal®

Vioseal is an epoxy resin based root canal sealer which is a paste-paste type of dual syringe. It has outstanding chemical and physical properties, including extremely excellent sealing property and biocompatibility.



#441130 Standard pkg

Contains : 1 X 10g Dual Syringe, Mixing Tip 2ea,  
Mixing Joint 5ea, Mixing Pad 1ea





You're  
the Artist  
**SPiDENT**

# viOseal<sup>®</sup>

## Resin Based Sealer / Root Canal Sealing Material



*Sealing accomplished*

### Applications

- Permanent obturation of root canals in combination with obturation points

### Compositions

- Base
  - Epoxy oligomer resin
  - Ethylene glycol salicylate
  - Others
- Catalyst
  - Poly(1,4-butanediol) bis(4-aminobenzoate)
  - Calcium phosphate
  - Others

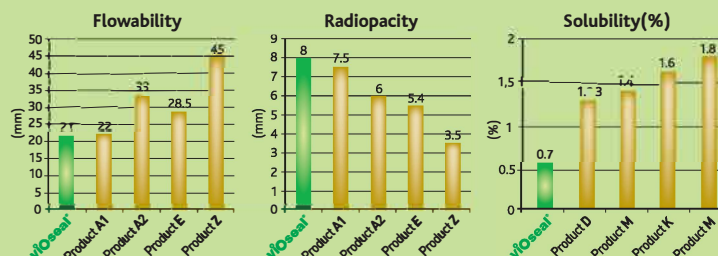
### Characteristics

- Excellent biocompatibility
- Superior radiopacity
- Tight sealing
- Easy to mix paste-paste(1:1)
- Insoluble in tissue fluids
- Excellent antibacterial effect
- Lubricant during inserting of GP point

### Components

- 10 g Dual syringe x 1(Base 5 g, Catalyst 5 g)
- Mixing tip
- Mixing pad
- Eco tip

### Physical Properties



- Working time : 70 min (23°C, 55%)
- Setting time : 120 min (37°C, 98%)
- Film thickness : 10  $\mu$ m

CE  
0120



## IMPRESSION PRODUCTS

### Vinyl Polysiloxane

#### I-SiL™ Premium Regular Set



I-SiL Premium is a VPS material.

- Superior hydrophilicity to minimize voids and bubbles
- Improved handling during work time to minimize pulls and drags
- High tear strength to maintain impression integrity upon removal
- Resistant to permanent deformation.
- Snap-set technology



1' 30" working time  
4' 00" setting time

2 x 50ml Cartridge

Specify :

- #7111RG Light body (pink)
- #7112RG Regular Body (light purple)
- #7113RG Heavy body (blue)

Mixing Tips

- # 7181YL Small mixing tips, pkg of 50  
Mixing tips have yellow hub
- # 7181GR Large mixing tips, pkg of 50  
Mixing tips have green hub
- # 7181IN Intraoral tips, pkg of 50  
Yellow tips fits into small (4.2mm) mixing tips

#### I-SiL™ Premium Fast Set

Faster setting VPS impression materials with the same advantages of I-SiL Premium.

- Designed to increase efficiency by significantly reduced chair time



0' 40" working time  
2' 00" setting time

2 x 50ml Cartridge

Specify :

- #7211FS Light body (yellow)
- #7213FS Heavy body (purple)

Mixing Tips

- # 7181YL Small mixing tips, pkg of 50  
Mixing tips have yellow hub
- # 7181GR Large mixing tips, pkg of 50  
Mixing tips have green hub
- # 7181IN Intraoral tips, pkg of 50  
Yellow tips fits into small (4.2mm) mixing tips

Dispensing Gun

- # 493100 Dispensing Gun DS 50  
Ratio : 1 :1





## I-Sil™ Premium Jumbo

- Same great impression material as the I-Sil premium now available for Vacu-mixer
- Improved hydrophilicity at the surface from the start of mixing
- Designed to minimize voids and bubbles
- High tear strength
- Provides the best chance of maintaining impression integrity upon removal



**NEW**

10 x 120ml Cartridges

Specify :

#7161HB Heavy body (blue)

#7161RG Regular body (light purple)



Mixing Tips

# 7191VM Vacu-mixer mixing tip, pkg of 50

## Vacu-Mixer®

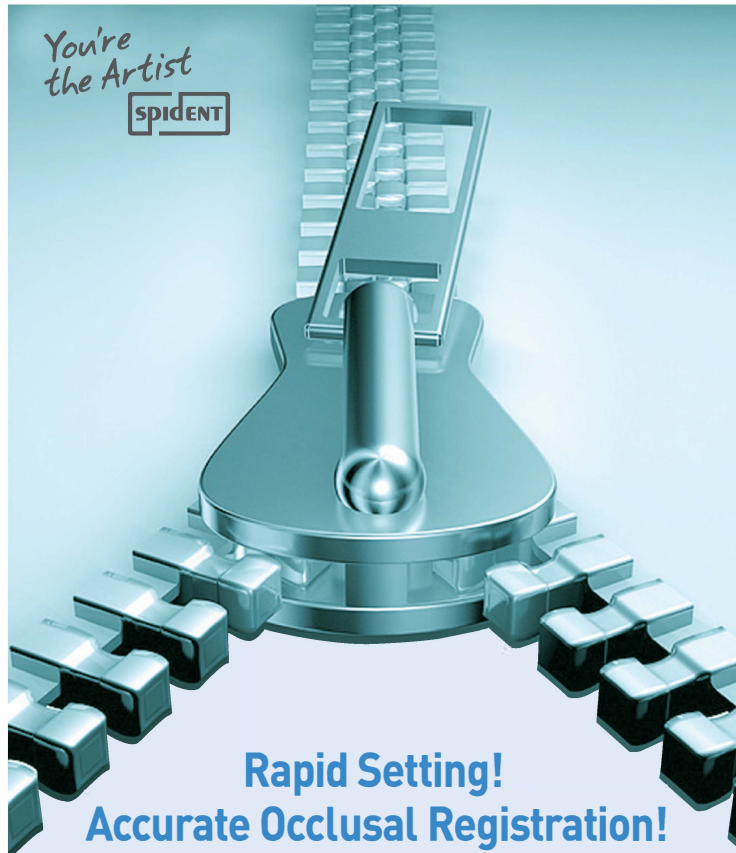
by Dr. Philip Ho  
**Vacu-Mixer®** **NEW**

Vacu-Mixer is world's first portable impression auto-mixer. With a touch of the button, it brings you flawless auto mixing without voids. Fully automatic, it can reduce the chair time. Cordless, it can be moved from chair to chair with ease.



Specify :

#611100 Vacu-Mixer



You're  
the Artist  
**SPIDENT**

**Rapid Setting!  
Accurate Occlusal Registration!**

## I-SiL BITE

**Vinyl Polysiloxane Bite Registration Material**

- Superior Final Hardness(shore A85)
- Rapid Setting  
(Working Time : 30 sec / Intraoral Setting Time 60 sec)
- Ideal Viscosity for Precise Placement
- Easy to Cut and Trim



### Technical Data

Mixing Time	Working Time	Intraoral Setting Time	Total Setting Time	Final Hardness	Linear Dimensional Change (ISO4823)
Automatic	≤ 0:30 min	≤ 60 sec	≤ 90 sec	A85	0.1%

## Bite Registration

### I-SiL™ Premium Bite-Registration

Used for bite-registration, copying transfers, and primary impression with bite-trays.

- Mousse-like, fluffy, superfast-setting VPS material
- Violet thixotropic material has an excellent shore A hardness of 85 and flows easily, yet will not sag or run
- Achieves a rock hard rigid set while maintaining resistance to fracture



0' 20" working time  
0' 60" setting time

2 x 50ml Cartridge

### #7241BR Bite-Registration

Mixing Tips

#7181GR Large mixing tips, pkg of 50  
Mixing tips have green hub





## I-SiL™ Premium Putty

- Softer consistency blends quickly and easily
- Excellent detail reproduction
- High tear strength
- Ideal for the putty/wash technique
- Suitable for patients with periodontal issues
- Resists pressure : pushes light body material into sulcus



### Regular set



1' 40" working time  
4' 00" setting time

### Fast set



0' 40" working time  
2' 00" setting time

Contains : 290ml base, 290ml catalyst, 2 scoops

Specify :

- #7121RG Regular set (purple)  
#7221FS Fast set (blue)

## Bite Trays

### Bitetray™

- Disposable impression trays for crown, bridge & bite registration
- Thin occlusal webbing provides superb accuracy
- Metal stamped Bitetrays add rigidity to the frame eliminating distortion



Box of 50 trays  
(35 trays for Quadrant, Anterior and Fullarch)

Specify :

- #7311GG G-1 sideless  
#7322GG G-2 half side  
#7333GG G-3 full side  
#7344GG G-4 quadrant  
#7355PGG G-5 anterior



### Bitetray™ Metal Frame



Box of 35 trays  
(35 trays for Quadrant)

Specify :

- #7322MG MG-2 metal-stamped half side  
#7344MG MG-4 metal-stamped quadrant  
#7377MG MG-7 metal-stamped full side



## SMALL EQUIPMENTS

### Apex Locator

#### Viometer®

The Viometer is an electronic device used for apex localization and working-length determination during root canal treatment.

It is indicated for patients who need to undergo root canal treatment which requires precise determination of position of the dental file in the canal relative to the root apex.



- Compact size
- Rechargeable battery
- Color OLED screen
- Works with smart device(option)
- W.L.S. function (Working Length Select) function

#### #518100 Viometer

Contains : Wireless Apex locator, File hook, 3 Lip hook, Probe cord

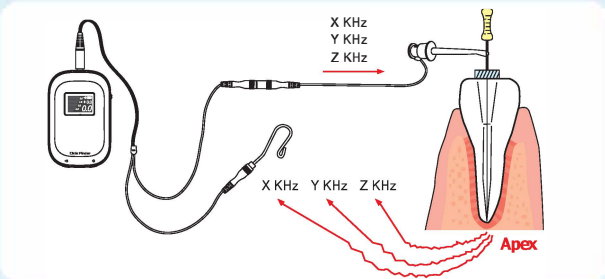
#### > Wireless bluetooth function(Optional)

Wireless bluetooth connect function with smart phone or smart pad show bigger display. (Support android device only)



#### > Accuracy

- Makes best accuracy with using 3 frequencies for exact accuracy. Using latest signal IC makes improved accuracy and measuring quality.



### LED Curing Lights

#### FOCUS PLUS™

Ultra-light(130g), Cordless, Sleek, OLED screen, Handpiece LED curing light that features a digital display and 1-touch functionality. Consistent output of 1,800mW/cm<sup>2</sup> (high-mode) 4modes to choose from including soft-start mode to reduce polymerization shrinkage. Made in Korea. 1-year warranty.



#### #511400 Focus Plus

Contains : Cordless curing light, charging dock, 3 focusing lens caps, rechargeable battery, adapter and power cord





## RETRACTION MATERIALS

### Retraction Cords

#### Atria Pack™ Knitted Retraction Cord

100% cotton, knitted gingival retraction cord. Contains numerous interlocking points within the cord. After soaking in hemostatic solution, the cord carries greater quantities of liquid, compared to twisted or braided cord.



100 inches per bottle

Specify :

- #1411110 #000
- #1411120 #00
- #1411130 #0
- #1411141 #1
- #1411152 #2
- #1411163 #3

#### Atria Pack™ Knitted Retraction Cord with Aluminum Sulfate

100% cotton, impregnated, knitted gingival retraction cord. Knitted cord helps carry more hemostatic agent to the tooth preparation and stays in place, even when touched by a bur or diamond. Conforms to secular anatomy with a gentle outward force. Places easily-no fraying or memory.



100 inches per bottle

Specify :

- #1412210 #000
- #1412220 #00
- #1412230 #0
- #1412241 #1
- #1412252 #2
- #1412263 #3

## TIPS

### Impression Mixing Tips (Mix pac)

For use with vinyl polysiloxane impression material cartridges. Homogeneous mixing results with reduced waste. Universal fit.



- #7181YL Yellow mixing tips, pkg of 50  
Contains : 25 intraoral tips  
Mixing tips have yellow hub
- #7181GR Green mixing tips, pkg of 50  
Mixing tips have green hub
- #7181IN Intraoral tips, pkg of 25  
Yellow tips fits into small (4.2mm) mixing tips

### Core Mixing Tips

Brown mixing tips with adjustable intraoral attachment to ensure precision application of core materials. Universally compatible with dual barrel syringe systems. 1 : 1 ratio.



- #212100 pkg of 50  
Contains : 50 Mixing Tips & 50 Intraoral Tips

### Cement Mixing Tips

Brown tapered mixing tips for dual barrel syringe system. Homogeneous mixing results. 1 : 1 ratio.



- #112200 pkg of 50  
Contains : 50 Cement Mixing Tips

### Vacu-Mixer® Mixing tip

For use with Vacu-mixer's impression material, I-Sil jumbo.

- #7191VM Vacu-mixer mixing tip,  
pkg of 50





# Vacu-Mixer<sup>TM</sup>

by Dr. philip Ho

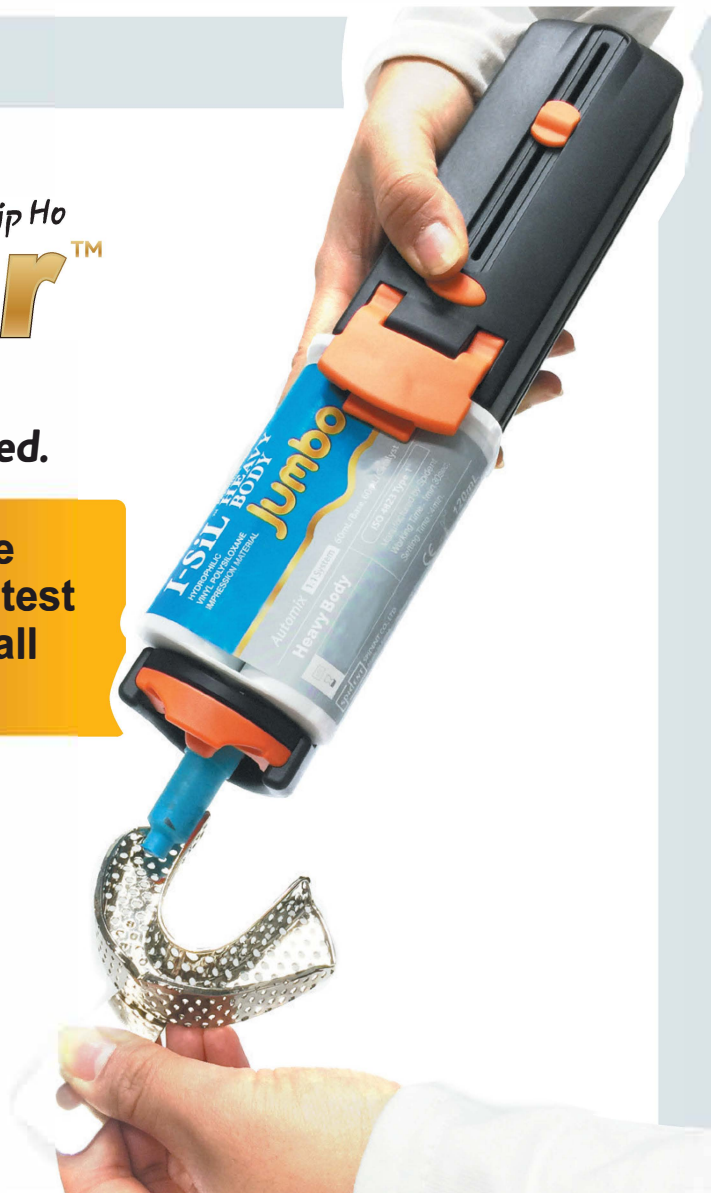
**New horizon of impression taking.  
History of impression taking is changed.**

**World first  
portable  
impression  
automixer**

**Flawless  
auto mixing  
without  
voids**

**The  
fastest  
of all**

- 1 : 1 ratio eliminates mixing errors
- Full tray loaded in just 10 seconds
- Absolutely no voids
- One Touch operation
- Portable and compact
- Flawless auto mixing



**Vacu-Mixer**

Compare the difference between auto mixing and manual mixing.

**Vacu-Mixer mixing**

**Manual(gun type) mixing**

**I-SiL<sup>TM</sup> Jumbo**

**PREMIUM  
HEAVY  
BODY**

**PREMIUM  
REGULAR  
BODY**

- Two viscosities available : Heavy Body / Regular Body
- 1 : 1 Base/Catalyst Mix Ratio : 120mL vs 50mL (2.4 x more material)
- Reduce chairtime and eliminates retakes due to setting errors





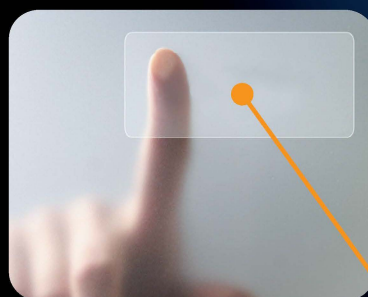


You're  
the Artist

SPIDENT

Automatic Mixing Unit  
**Vacu-Mixer**<sup>TM</sup> *by Dr. philip Ho*

A new paradigm in dental impression taking



*One Touch  
Operation!!*



SPIDENT CO., LTD.

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*You're  
the Artist*



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**EU representative**

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